

Substitute for form 1449/PTO (Modified)		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)  MAR 15 2006		Application Number	10/602,546
		Filing Date	June 23, 2003
		First Named Inventor	HENSON, Joan M.
		Art Unit	1651
		Examiner Name	Irene Marx
		Attorney Docket Number	A-72343 (470425-18)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Isr IM	A1	5,880,343	03-09-1999	Hiruma et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code <sup>2</sup> Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
	B1					

NON PATENT LITERATURE DOCUMENTS						
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Isr IM	C1	AZEVEDO et al., "Endophytic microorganisms: a review on insect control and recent advances of tropical plants", EJB Electronic J. of Biotechnology, April 2000, 3(1):40-65.				
	C2	BACON, C.W., "Abiotic stress tolerances (moisture, nutrients) and photosynthesis in endophyte-infected tall fescue", Agricult. Ecosys. Environ., 1993, 44:123-141.				
Book	C3	BACON, C.W., et al., "Microbial Endophytes", 2000, Marcel Dekker Inc., N.Y.				
	C4	BORDALLO, J.J., et al., "Colonization of plant roots by egg-parasitic and nematode-trapping fungi", New Phytol., 2002, 154:491-499.				
Isr	C5	CARETTA et al., "Some filamentous fungi on grassland vegetation from Kenya", Mycopathologia, 1999, 145:155-169.				
	C6	CARROLL, G.C., "The biology of endophytism in plants with particular reference to woody perennials", Microbiology of the Phyllosphere (eds. Fokkema, H.J. & Van Den Heuvel, J.) 205-222 (Cambridge University Press, Cambridge, 1986).				
	C7	CLAY, K., et al., "Fungal endophyte symbiosis and plant diversity in successional fields", Science, 1999, 285:1742-1744.				
Book	C8	DE BARY, A., "Die Erscheinung Symbiose", in Vortrag auf der Versammlung der Naturforscher und Ärzte zu Cassel, ed. Trubner, K.J., 1-30, Strassburg, 1878.				
	C9	FREEMAN, S., et al., "Genetic conversion of a fungal plant-pathogen to a nonpathogenic, endophytic mutualist", Science, 1993, 260:75-78.				
Isr	C10	GHOSH et al., "Soil fungi from Orissa (India)-I", Mycologia, 1960, 52:915-918.				
	C11	HERTIG, M., et al., "The terms symbiosis, symbiont and symbiote", J. Parasit., 1937, 23:326-329.				
Isr	C12	HODGES et al., "Growth of Agrostis palustris in response to adventitious root infection by Curvularia lunata", J. Phytopathol., 1995, 143:639-642.				
Isr	C13	JAIN, B.L., "Two new species of Curvularia", Trans. Br. Mycol. Soc., 1962, 45:539-544.				

Examiner Signature	/Irene Marx/	Date Considered	01/29/2007
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				Art Unit	1651
				Examiner Name	Irene Marx
Sheet	2	of	3	Attorney Docket Number	A-72343 (470425-18)

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IM	C14	JUMPRONEN, A., et al., "Dark septate endophytes: a review of facultative biotrophic root-colonizing fungi", New Phytol., 1998, 148:295-310.			
book	C15	KULDAU, G.A., et al., in <i>Microbial Endophytes</i> C. W. Bacon, J. F. White Jr., Eds. (Marcel Dekker, Inc., New York, 2000) pp. 85-117.			
isr	C16	LATCH, G.C.M., Physiological interactions of endophytic fungi and heir hosts, Biotic stress tolerance imparted to grasses by endophytes", <i>Agricult. Ecosys. Environ.</i> , 1993, 44:143-156.			
	C17	LEWIS, D.H., "Symbiosis and mutualism: crisp concepts and soggy semantics", <i>The biology of Mutualism</i> (ed. Boucher, D.H.) 29-39, Croom Helm Ltd., London, 1985.			
	C18	MARKS, S., et al., "Effects of CO <sub>2</sub> enrichment, nutrient addition, and fungal endophyte-infection on the growth of two grasses", <i>Oecologia</i> , 1990, 84:207-214.			
book	C19	MORTON, J.B., "Biodiversity and evolution in mycorrhizae in the desert", <i>Microbial Endophytes</i> (eds. Bacon, C.W. & White, J.F.J.) 3-30 (Marcel Dekker, Inc., New York, NY, 2000).			
	C20	PETRINI, O., "Taxonomy of endophytic fungi of aerial plant tissues", 1986, <i>Microbiology of Phyllosphere</i> (eds. Fokkema, N.J. & van den Heuvel, J., 175-187, Cambridge University Press, Cambridge.			
	C21	PIROZYNSKI et al, "The origin of land plants: a matter of mycotrophism", <i>Biosystems</i> , 1975, 6:153-164.			
	C22	READ, D.J., "Mycorrhiza-the state of the art", <i>Mycorrhiza</i> (eds. Vama, A. & Hook, B.) 3-34 (Springer-Verlag, Berlin, 1999).			
	C23	REDECKER et al., "Fungi from the Ordovician", <i>Science</i> , 2000, 289:1920-1921.			
isr	C24	REDMAN et al., "Biochemical analysis of plant protection afforded by a nonpathogenic endophytic mutant of <i>Colletotrichum magna</i> ", <i>Plant Physiol.</i> , 1999, 119:795-804.			
	C25	REDMAN et al., "Fungal symbiosis: from mutualism to parasitism, who controls the outcome, host or invader?" <i>New Phytol.</i> , 2001, 151:705-716.			
	C26	REDMAN et al., "Thermotolerance Generated by Plant/Fungal Sympbiosis", <i>Science</i> , Vol. 298, November 22, 2002, 1581			
	C27	REDMAN, R.S., et al., "Field performance of cucurbit and tomato plants colonized with a nonpathogenic mutant of <i>Colletotrichum magna</i> (teleomorph: <i>Glomerella magna</i> ; Jenkins and Winstead), 2002, <i>Symbiosis</i> , 32:55-70.			
	C28	SAIKKONEN, K., et al., <i>Annu. Rev. Ecol. Syst.</i> 29, 319-343 (1998).			
book	C29	SCHUTZ, B., "Bioactive Fungal Metabolites-Impact Exploitation", 2001, British Mycological Society, International Symposium Proceedings, University of Wales, April.			
	C30	SIMON et al., "Origin and diversification of endomycorrhizal fungi and coincidence with vascular land plants", <i>Nature</i> , 1993, 363:67-69.			
book	C31	SMALLWOOD, M.F., et al., "Plant Responses to Environmental Stress", 1999, BIOS Scientific Publishers Limited, Oxford.			
	C32	SMITH, A.F., et al., "Structural diversity in (vesicular)-arbuscular mycorrhizal symbioses", <i>New Phytol.</i> , 1997, 137:373-388.			
✓	C33	SMITH, K.P., et al., "Host variation for interactions with beneficial plant-associated microbes", <i>Annu. Rev. Phytopathol.</i> , 1999, 37:473-492.			

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booEM	C34	STONE, J.K., et al., in <i>Microbial Endophytes</i> C. W. Bacon, J. F. White Jr., Eds. (Marcel Dekker, Inc., New York, 2000) pp. 3-29.		
isr	IMC35	TAYLOR et al., "Endophytic fungi associated with the temperate palm <i>Trachycarpus fortunei</i> , within and outside its natural geographic range", <i>New Phytologist</i> , May 1999, 142(2):335-346.		
isr	IMC36	VARMA, A., et al., "Piriformospora indica, a cultivable plant-growth-promoting root endophyte", <i>App. Environ. Microbiol.</i> , 1999, 65:2741-2744.		

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